

VII.—A CONTRIBUTION TO THE STUDY OF THE INSECT FAUNA
OF BORNEO. A LIST OF THE BORNEAN BUPRESTIDAE.
(PART I). BY J. C. MOULTON, CURATOR OF THE
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As but little seems to have been written on the Coleoptera of Borneo, except in monographs on the various families, perhaps a simple faunistic list may be of some value, if only for a comparison of the geographical distribution of this family in the East.

The accomplishment of such a task is rendered easy now that such magnificent works as the *Genera Insectorum* and the new *Coleopterorum Catalogus* are in process of publication. An additional interest in this work has been afforded the writer by continual reference to the fine collection of Bornean Buprestidae in the Sarawak Museum, which contains over half the number of species ever recorded from Borneo.

The number here recorded is 175 of which no less than 33 have never been noted from Borneo before. This total in no way claims to be final for there are some fifteen species still awaiting description, which have been examined by M. Ch. Kerremans and pronounced "new to science". And it is not too much to suppose that there yet remain many species to be discovered in a country so rich in insects as is Borneo.

The classification and nomenclature adopted in this list is that laid down by M. Ch. Kerremans in his *Monographie des Buprestides* for the first portion; but as that work is still incomplete, I have followed the same author's classification in *Genera Insectorum* for the latter part.

I have to thank the following gentlemen for kindly sending me data of Bornean Buprestidae in their possession:—Dr. N. Annandale, Superintendent of the Indian Museum, Dr. H. J. Veth of The Hague, Mr. C. J. Brooks, and not least, M. Ch. Kerremans of Brussels, who has identified the large majority of

species in the Sarawak Museum, and although personally a stranger to the writer, he has proved an ever ready friend and adviser in the compiling of this list. I take much pleasure in using this opportunity to record my gratitude to him.

M. Ch. Kerremans has kindly promised to write Part II. of this paper giving descriptions of all new species at present known (but undescribed) from Borneo. This paper should appear in the next number of this Journal; and with its conclusion all the known species of Bornean Buprestidae will have been enumerated.

A few remarks on the geographical distribution of the Bornean species will be reserved for the end of Part II.

Tribe 1. *Polycestini*.

GENUS 1. *Phrixia*, H. Deyrolle.

1.—*Phrixia cuprina*, Kerremans.

Mon. Buprest. Vol. III. p. 589 (1908—1909).

Sarawak (coll. Kerremans).

GENUS 2. *Polycestoides*, Kerremans.

2.—*Polycestoides chrysis*, Kerremans.

Wytsm. Gen. Ins., fasc. 12 (Bupr.), p. 27, note, pl. 1, fig. 8 (1903).

Mon. Buprest. Vol. I. p. 523, pl. 10, fig. 6 (1906).

This is the only known species of the genus *Polycestoides*, and so far it has been recorded from North Borneo only.

Tribe 2. *Chrysochroini*.

GENUS 3. *Chrysochroa*, Solier.

3.—*Chrysochroa* (*Catoxantha*) *opulenta*, Gory.*

Mag. de Zool. p. 17 (1832).

Castelnau and Gory, Monogr. Vol. I. p. 4, pl. 1, fig. 2 (1835).

Kerremans, Mon. Buprest. Vol. III. p. 17 (1908—1909).

magnifica, Gory, Mag. de Zool. p. 17 (1832).

* M. Ch. Kerremans gives an interesting note on the flight of this insect in his paper on the *Buprestidae* of Sumatra (Mém. Soc. Ent. Belg. Vol. vii, p. 1, 1900). He writes, "très commun, vole à la façon des Lucanes, le corps vertical; l'insecte tourne lentement sur lui-même, s'élevant et s'abaissant alternativement."

Of *C. bicolor*, Fab. he says, "se tient habituellement au sommet des arbres les plus élevés."

angusta, Imhoff, Sam-Kaf-u-Schmett. list 1 (1838).

Bonvouloiri, H. Deyrolle, Ann. Soc. Ent. Fr. p. 395 (1861).

regina, Schaufuss, Iris, p. 68 (1863).

Labuan (Indian Mus.); Mt. Kina Balu, Trusan, Baram and Kuching (Sar. Mus.) ; Western Borneo.

General distribution: Indo-Malaya—from Japan to Java and Sumatra. "India" (Indian Mus).

4.—*Chrysochroa rajah*, Gestro.

Ann. Mus. Stor. Nat. Genova, Vol. IX. p. 351 (1877).

Kerremans, Mon. Buprest. Vol. III. p. 20, pl. 17, fig. 2 (1908—1909).

Sarawak (*Genoa Mus.*).

5.—*Chrysochroa (Megaloxantha) bicolor*, Fabricius.

Syst. Ent., App. p. 825 (1778).

Olivier, Encycl. Méthod., Vol. V. p. 213 (1790).

Schönherr, Syn. Ins. Vol. I. p. 212, no. 3 (1817).

Castelnau and Gory, Monogr. Vol. I. p. 3, pl. I. fig. 1 (1835).

Kerremans, Mon. Buprest. p. 21 (1908—1909).

gigantea, Shallerr, Act. Acad. Nat. Cur. Halle p. 304, pl. 1, fig. 5 (1783)

heros, Wiedemann, Zool. Mag. p. 99 (1823).

nigricornis, H. Deyrolle, Ann. Soc. Ent. Belg. Vol. VIII. p. 1 (1864).

brunnea, Saunders, Trans. Ent. Soc. Lond. Vol. V. p. 300, pl. 21, fig. 1 (1866).

mouhoti, Saunders, l. c. Vol. IX. p. 3, pl. 1, fig. 1 (1869).

assamensis, Thomson, Bull. Soc. Ent. Fr. ser. 5. Vol. IX. p. 70 (1879).

cyanura, Kerremans, Ann. Soc. Ent. Belg. Vol. XXXVI. p. 171 (1892).

Sarawak: Bidi (coll. C. J. Brooks); Borneo. A single example in the Sarawak Museum without data, but in all probability from Sarawak.

The *nigricornis* form comes from Borneo, Sumatra and Malacca.

General distribution: Indo-Malaya—India to Java and Sumatra.

6.—*Chrysochroa Daleni*, van der Hoeven.

Tijdschr. Nat. Gesch. en Phys., Vol. V. p. 338 (1838).

Kerremans, Mon. Buprest. Vol. III. p. 26 (1908—1909).

hemixantha, Vollenhoven, Tijdschr. v. Ent. p. 160, pl. 2, figs. 1—2 (1864).

Mniszechi, H. Deyrolle, Ann. Soc. Ent. Belg. Vol. VIII. p. 2 (1864).

purpurascens, Ritsema, Not. Leyd. Mus. Vol. I. p. 48 (1879).

Borneo (coll. Théry); Sarawak: Bidi (coll. C. J. Brooks).

General distribution: Malaya—Java, Sumatra, Banca and Malacca.

7.—*Chrysochroa* (*Demochroa*) *Lacordairei*, Thomson.

Bull. Soc. Ent. Fr. p. 112 (1859).

Kerremans, Mon. Buprest. Vol. III. p. 29, pl. 17, fig. 3 (1908—1909).

carinata, White, Proc. Ent. Soc. Lond. p. 64 (1859).

Mt. Kina Balu (Sar. Mus.); Sarawak: Mt. Matang (coll. C. J. Brooks).

Recorded from Gilolo only before.

8.—*Chrysochroa* (*Chrysochroa*) *Castelnaudi*, H. Deyrolle.

Ann. Soc. Ent. Fr. p. 537, pl. 2, fig. 4 (1862).

Kerremans, Mon. Buprest. p. 39 (1908—1909).

sarasinorum, Flach, Stett. Ent. Zeit. Vol. XLVIII. p. 321 (1887).

Western Borneo (coll. Théry); Sarawak: Baram and Banting (Sar. Mus.); Lingga (coll. C. J. Brooks).

General distribution: Ceylon, Perak and Malacca.

Some Perak specimens in the collection of the Rev. G. Dexter Allen have a marked violaceous hue, whereas the Bornean examples are blue—almost a green-blue.

9.—*Chrysochroa similis*, Saunders.

Trans. Ent. Soc. Lond. ser. 3, Vol. V. p. 429 (1867).

Kerremans, Mon. Buprest. Vol. III. p. 45 (1908—1909).

simillima, Jordan, Novit. Zool. Vol. I. p. 488 (1894).

North Borneo: Barram River (A. H. Everett); Sarawak: Kuching (Sar. Mus.).

This species is also recorded from Penang.

The Sarawak Museum contains three examples, the first taken in Kuching in April 1896, the second taken by myself in July 1909, some four miles out of Kuching and the third taken by Mr. C. W. Beebe ten miles from Kuching in June 1910.

This last specimen is the only typical form showing a broad creamy band across the elytra; of which band

the upper edge is straight. In the other two specimens the band is broken at the suture by the turning in of the upper edge of the band, so as to give the appearance of two separate patches. This variety is mentioned by Dr. K. Jordan in *Novitates Zoologicae* Vol. I. p. 488. It should be noted that in fresh examples this band is a beautiful creamy white; but it quickly fades to a fulvous brown.

The specimen I caught, was flying round some bushes in low swampy ground by the river, perhaps some ten feet up in the air; the bright midday sun (about 11 A. M.) shining on the green elytra giving it a very brilliant and conspicuous appearance. After about a quarter of an hour's circling round and round out of my reach, it settled on the underside of a leaf and with the aid of my topee I was able to catch it. An interesting feature about this insect is its resemblance, while flying, to the Hymenopterous species, *Salix aviculus*, (and to another *Salix* sp. near it, but with black antennae,) and to that remarkable Longicorn, *Coloborhombus fasciatipennis*, which mimics the Hymenopteron so well. In flying, the simple pattern of the metallic blue-green relieved by a light transverse bar on the elytra of the Buprestid is exactly similar to this pattern on the wings of the Hymenopteron. However with elytra closed, the resemblance at once disappears, and as if cognizant of that fact, *C. similis* settled out of sight on the *under* side of a leaf!

The resemblances suggest an interesting example of Batesian mimicry where the two edible (?) Coleoptera are protected by colouring suitable to their surroundings when at rest, but at the same time capable of assuming the warning pattern of the distasteful Hymenopteron when in flight.

10.—*Chrysochroa limbata*, Nonfried.

Berl. Ent. Zeit. p. 373 (1891).

Kerremans, Mon. Buprest. Vol. III. p. 51, pl. 17, fig. 4 (1908—1909).

Sarawak: Rejang (Sar. Mus.); Kuching (coll. J. Hewitt).

Confined to Borneo. A rare species in Sarawak.

11.—*Chrysochroa Weyersi*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 4 (1864).

Kerremans, Mon. Buprest. Vol. III. p. 63 (1908—1909).

Borneo.

Also recorded from Malacca and Sumatra.

12.—*Chrysochroa purpureiventris*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 6 (1864).

Kerremans, Mon. Buprest. Vol. III. p. 68 (1908—1909).

Sarawak: Kuching and Mt. Matang (Sar. Mus.).

Previously recorded from Malacca, Penang and Java only.

13.—*Chrysochroa Wallacei*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 5 (1864).

Kerremans, Mon. Buprest. Vol. III. p. 76 (1908—1909).

Borneo (coll. H. J. Veth); Sarawak: Santubong, Kuching and Tegora (Sar. Mus.).

Also occurs in Malacca and Sumatra.

14.—*Chrysochroa aurotibialis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 6 (1864).

Kerremans, Mon. Buprest. Vol. III. p. 87 (1908—1909).

tenuicauda, Kerremans, Ann. Soc. Ent. Belg. Vol. XXXV. p. 156 (1891).

Borneo (H. Deyrolle).

Also recorded from Java.

15.—*Chrysochroa fulminans*, Fabricius.

Mant. Ins. Vol. I. p. 177 (1787).

Castelnau and Gory, Monogr. Vol. I. p. 9, pl. 2, fig. 7 (1835).

Kerremans, Mon. Buprest. Vol. III. p. 102 (1908—1909).

fulgurans, Illiger, Wied. Arch., Vol. I. p. 117 (1800).

Herbst, Col., Vol. IX. p. 69. pl. 138, fig. 5 (1801).

ceylonensis, Voet. Cat. Col. Vol. I. p. 94. pl. 1, fig. 2 (1806).*chrysur*, Gory, Monogr. suppl., Vol. IV. p. 55, pl. 10, fig. 55 (1840).*patruelis*, Sturm. Cat. p. 56 (1843).*lata*, Schaef. Hor. Soc. Ent. Ross. Vol. XIX. p. 199 (1883).

North Borneo; Sarawak: Trusan, Mt. Saribu and Kuching (Sar. Mus.); Bau (coll. C. J. Brooks); "Borneo M." (Indian Mus.). Quite common in Sarawak.

Also occurs in Malacca, Java, Sumatra and the Philippine Islands.

GENUS 4. *Callopistus*, H. Deyrolle.16.—*Callopistus triangularis*, Kerremans.

Mon. Buprest. Vol. III. p. 596 (1908—1909).

Sarawak (coll. Kerremans).

17.—*Callopistus Castelnaudi*, H. Deyrolle.

Ann. Soc. Ent. Belg., Vol. VIII. p. 9, pl. 1, fig. 2 (1864).

Kerremans, Mon. Buprest. Vol. III. p. 190 (1908—1909).

Quidenfeliti, Richter, Berl. Ent. Zeit., Vol. XXXV. p. 133 (1890).*atrovirens*, Nonfried, l. c. Vol. XL. p. 296 (1895).

Borneo.

Also from Malacca, Java and Sumatra.

18.—*Callopistus Moultoni*, Kerremans.

Mon. Buprest. Vol. IV. p. 275 (1910).

Sarawak.

Only three examples known of this species; two taken near Kuching (Sar. Mus. and coll. J. E. A. Lewis); and one on Mt. Matang (coll. C. J. Brooks);

GENUS 5. *Philocteanus*, H. Deyrolle.19.—*Philocteanus capitatus*, Kerremans.

Ann. Soc. Ent. Belg. Vol. XXXVII. p. 504 (1893).

Mon. Buprest. Vol. III. p. 197 (1908—1909).

Confined to Borneo.

20.—*Philocteanus subcupreus*, Kerremans.

Ann. Mus. Civ. Stor. Nat. Genov. Vol. XXXVI. p. 367 (1893).

Mon. Buprest. Vol. III. p. 199 (1908—1909).

Only recorded from Mt. Kina Balu (North Borneo).

21.—*Philocteanus elegans*, Thér. y.

Ann. Soc. Ent. Fr. p. 364 (1897).

Kerremans, Mon. Buprest. Vol. III. p. 203 (1908—1909).

Borneo only.

22.—*Philocteanus flammeus*, Thomson.

Arch. Ent. Vol. I. p. 110 (1857).

H. Deyrolle, Ann. Soc. Ent. Belg. Vol. VIII. p. 11, pl. 1, fig. 3 (1864).

Kerremans, Mon. Buprest. Vol. III. p. 207 (1908—1909).

Sarawak; Kerpok hills, near Banting (Sar. Mus.); Bau (coll. C. J. Brooks); Borneo (Monchicourt—Paris Mus.; Indian Mus.)

Also recorded from Burma.

Tribe 3. *Chalcophorini*.GENUS 6. *Epidelus*, H. Deyrolle.23.—*Epidelus Wallacei*, Thomson.

Arch. Ent. Vol. I. p. 109 (1857).

H. Deyrolle, Ann. Soc. Ent. Belg. Vol. VIII. p. 50, pl. 2, fig. 2 (1864).

Kerremans, Mon. Buprest. Vol. III. p. 297 (1908—1909).

philippinensis, Saunders, Trans. Ent. Soc. Lond. p. 314 (1874).*tricolor*, Nonfried, Entom. Nachtr. p. 4 (1894).

Sarawak: Matang and Bau (Sar. Mus.); Upper Sarawak (coll. C. J. Brooks); Pontianak (Théry—coll. Ch. Kerremans and coll. H. J. Veth).

General distribution: Malaya—Malacca, Celebes, Philippines, Sumatra.

GENUS 7. *Aprosopus*, H. Deyrolle.24.—*Aprosopus rugifrons*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 50, pl. 2, fig. 3 (1864).

Kerremans, Mon. Buprest. Vol. III. p. 305 (1908—1909).

A mono-specific genus from Borneo only.

There exists a single example in the Sarawak Museum taken near Kuching, October 1909.

GENUS 8. *Iridotænia*. H. Deyrolle.25.—*Iridotænia sumptuosa*, Casteln. and Gory.

Monogr. Bupr. Vol. I. p. 2, pl. 1, fig. 1 (1835).

Kerremans, Mon. Bupr. Vol. III. p. 459 (1908—1909).

Sarawak: Matang (Sar. Mus.); Western Borneo (Raffray and Maindron—Paris Mus.); Sambas (coll. H. J. Veth).

General distribution: Malaya—Java, Sumatra, Malacca and Singapore.

26.—*Iridotænia violacea*, Kerremans.

Ann. Mus. Stor. Nat. Genova, Vol. XXXVI. p. 368 (1896.)

Mon. Buprest. Vol. III. p. 468 (1908—1909).

Borneo.

Also recorded from Nias Island and Sumatra.

27.—*Iridotænia obscura*, Saunders,

Trans. Ent. Soc. Lond. ser. 3, Vol. V. p. 511 p'. 25, fig. 3 (1867).

Kerremans, Mon. Buprest. Vol. III. p. 472 (1908—1909).

Sarawak (coll. Kerremans).

Also recorded from Penang and Java.

28.—*Iridotænia scutellaris*, Kerremans.

Ann. Mus. Stor. Nat. Genova, Vol. XXXVI. p. 368 (1898).

Mon. Buprest. Vol. III. p. 477 (1908—1909).

Confined to Borneo.

29.—*Iridotænia mirabilis*, Gory.

Menogr. supp., Vol. IV. p. 67, pl. 12, fig. 67 (1840).

Kerremans, Mon. Buprest. Vol. III. p. 479 (1908—1909).

Borneo (Indian Mus., Paris Mus., coll. Théry, and coll. Kerremans); Sarawak: Baram, Balangean, Simanggang, Kerpok hills, Mt. Lingga, Tambak, Kuching, Mt. Matang (Sar. Mus.). Very common in Sarawak.

General distribution: Malaya——Malacca, Singapore, Java and Sumatra.

30.—*Iridotænia sarawakensis*, Kerremans.

Mon. Buprest. Vol. IV. p. 276 (1910).

Sarawak: near Kuching (coll. Ch. Kerremans e Sar. Mus.).

31.—*Iridotænia auripennis*, Kerremans.

Ann. Soc. Ent. Belg. Vol. XLVII. p. 113 (1898).

Mon. Buprest. Vol. III. p. 481 (1908—1909).

Sarawak: Kuching (Sar. Mus.).

Only recorded from Nias Island before.

32.—*Iridotænia cyaniceps*, Fabricius.

Syst. Eleuth. Vol. II. p. 197 (1801).

Kerremans, Mon. Buprest. Vol. III. p. 493 (1908—1909).

aurolineata, Castelnau and Gory, Menogr. Vol. I. p. 17, pl. 5, fig. 23 (1835).

Sarawak (coll. Ch. Kerremans).

Also recorded from Java.

33.—*Iridotænia chrysostoma*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 31 (1864).

Kerremans, Mon. Buprest. Vol. III. p. 494 (1908—1909).

Borneo (coll. Ch. Kerremans).

34.—*Iridotænia chrysogramma*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 32 (1864).

Kerremans, Mon. Buprest. Vol. III. p. 498 (1908—1909).

Sarawak: Limbang River, Buntal, Kuching and Mt. Matang—3,200 ft. (Sar. Mus.).

Confined to Borneo.

35.—*Iridolænia chrysifrons*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 32 (1864).

Kerremans, Mon. Buprest. Vol. III. p. 499 (1908—1909).

Sarawak (coll. C. J. Brooks).

General distribution: Malaya—Malacca, Sumatra and Java.

GENUS 9. *Chrysodema*, Castelnau and Gory.36.—*Chrysodema pyrothorax*, Vollenhoven.

Tijdschrift voor Entomologie, Vol. VII. p. 162 (1864).

Kerremans, Mon. Buprest. Vol. III. p. 525 (1908—1909).

viridimpressa, Richter, Berl. Ent. Zeit. Vol. XXXV. p. 134 (1890).

Borneo (coll. Théry).

37.—*Chrysodema Doriانا*, Dohrn.

Stettin. Entom. Zeit. Vol. XXXIV. p. 76 (1873).

Kerremans, Mon. Buprest. Vol. III. p. 526 (1908—1909).

North Borneo (Paris Mus.).

38.—*Chrysodema smaragdula*, Oliv. var. *aurifera*, Cast. et Gory.

Mon. Buprest. Vol. I. p. 14, pl. 4, fig. 19 (1835).

Kerremans, Mon. Buprest. Vol. III. p. 549 (1908—1909).

The Sarawak Museum contains a single specimen from Mt. Santubong taken in May.

The distribution of this variety is given as Ternate and the Moluccas only.

The general distribution of the species is wider, covering the area between the Philippines and New Guinea, including Java, Celebes, the Moluccas and Ké Islands.

39.—*Chrysodema pyrosticta*, Vollenhoven.

Tijdschr. Entom. Vol. VII. p. 162, pl. 11, fig. 4 (1864).

Vollenhoven, Tijdschr. Entom. Vol. VII. p. 162, pl. 11, fig. 4 (1864).

Kerremans, Mon. Buprest. Vol. III. p. 549 (1908—1909).

arrogans, Castelnau and Gory, Monogr. Vol. I. p. 16, pl. 4, fig. 21 (1835).*viridimicans*, H. Deyrolle, Ann. Soc. Ent. Belg. Vol. VIII. p. 17 (1864).*fucata*, H. Deyrolle, l. c. p. 17.

This species appears to be fairly common in Sarawak. It occurs on Mt. Matang (3,200 ft.), Mt. Lingga (3,000 ft.),

at Kuching and Quop (Sar. Mus.); Banting (coll. Rev. G. D. Allen); Matang (coll. C. J. Brooks); Pontianak (coll. H. J. Veth). Captured from March to August and in October.

General distribution: Malacca, Java and Sumatra.

40.—*Chrysodema roseiventris*, Kerremans.

Wytsm. Gen. Insect. fasc. 12. p. 75 (1903).

Mon. Buprest. Vol. III. p. 563 (1908—1909).

Confined to Borneo.

41.—*Chrysodema borneensis*, Kerremans.

Mon. Buprest. Vol. III. p. 564 (1908—1909).

Eastern Borneo (Caster——coll. Kerremans).

42.—*Chrysodema Jansoni*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 22 (1864).

Kerremans, Mon. Buprest. Vol. III. p. 574 (1908—1909).

auroplagiata, H. Deyrolle, Ann. Soc. Ent. Belg. Vol. VIII. p. 22 (1864).

Sarawak: Trusan, Baram, Bintulu, Kabong, Santubong and Kuching (Sar. Mus.).

General distribution: New Guinea, Sumatra and Banca.

Common in Sarawak on the sea-coast.

GENUS 10. *Cyphogastra*, H. Deyrolle.

43.—*Cyphogastra violaceiventris*, Kerremans.

Ann. Soc. Ent. Belg. Vol. XXXIX. p. 203 (1895).

Mon. Buprest. Vol. IV. p. 225 (1909—1910).

Recorded from Borneo and New Guinea in *Genera Insectorum*.

44.—*Cyphogastra aereiventris*, Kerremans.

Ann. Soc. Ent. Belg. Vol. XXXIX. p. 205 (1895).

Mon. Buprest. Vol. IV. p. 231 (1909—1910).

cupricellis, Kerremans, Ann. Soc. Ent. Belg. Vol. XXXIX. p. 207 (1895).

Recorded from Borneo and Sulu Islands in *Genera Insectorum*, but from New Guinea only in M. Kerremans' *Monographie*.

45.—*Cyphogastra farinosa*, Fabricius.

Syst. Ent. p. 219 (1774).

Kerremans, Mon. Buprest. Vol. IV. p. 250 (1909—1910).

auroimpressa, Cast. et Gory, Monogr. Vol. I. p. 20, pl. 5, fig. 26 (1835).

impressa, Kerremans, Ann. Soc. Ent. Belg. Vol. XLII. p. 118 (1908).

Borneo.

Also from Java and Sumbawa.

46.—*Cyphogastra ventricosa*, Olivier.

Entom., Vol. II. p. 36, pl. 6, fig. 63, a, b (1790).

Kerremans, Mon. Buprest. Vol. IV. p. 262 (1909—1910).

aeneofoveata, Gestro, Ann. Mus. Stor. Nat. Genova, Vol. IX. p. 353 (1877).

Recorded from Borneo in *Genera Insectorum*.

General distribution: Moluccas, New Guinea and Jobi.

Tribe 4. *Buprestini*.

GENUS 11. *Haplotrinchus*, Kerremans.

47.—*Haplotrinchus sexspinosus*, Thomson.

Arch. Ent. Vol. I. p. 110 (1857).

Only recorded from Borneo.

GENUS 12. *Lampra*, Lacordaire.

48.—*Lampra leoparda*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 62 (1864).

leopardina, Thomson, Typ. Bupr. p. 40 (1878).

Sarawak: Baram and Kuching (Sar. Mus.); Pontianak (coll. H. J. Veth). Dr. Annandale informs me of this species from Assam in the Indian Museum.

Previously recorded from Borneo only.

49.—*Lampra nigroguttata*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 62 (1864).

Recorded from Borneo only.

50.—*Lampra pantherina*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 60 (1864).

Recorded from Borneo only.

51.—*Lampra psilopteroides*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 59 (1864).

Recorded from Borneo only.

GENUS 13. *Buprestis*, Linnaeus.

52.—*Buprestis aurantiacoadspersa*, Blanchard.

Voy. Pôle Sud, Vol. IV. p. 95, pl. 16, fig. 16 (1854).

Recorded from Borneo only.

GENUS 14. *Philanthaxia*, Deyrolle.53.—*Philanthaxia curta*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 73, pl. 2, fig. 8 (1864).

A single specimen in the Sarawak Museum from Mt. Matang taken in June.

Previously recorded from Java only.

GENUS 15. *Exagistus*, Deyrolle.54.—*Exagistus igniceps*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 65, pl. 2, fig. 5 (1864).

A monospecific genus peculiar to Borneo.

GENUS 16. *Melobasis*, Castelnau and Gory.55.—*Melobasis chrysobothroides*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 70 (1864).

Sarawak: Kuching, taken from April to August; and a single rather dark variety from the ulu Limbang (Sar. Mus.).

GENUS 17. *Anthaxia*, Eschscholtz.56.—*Anthaxia occipitalis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 75 (1864).

Recorded from Borneo only.

57.—*Anthaxia sarawakensis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 76 (1864).

Recorded from Borneo only.

Tribe 5. *Chrysobothrini*.GENUS 18. *Chrysobothris*, Eschscholtz.58.—*Chrysobothris borneensis*, Kerremans.

Mém Soc. Ent. Belg. p. 304 (1900).

delectabilis, Kerremans, l. c. p. 15.

Recorded from Borneo only.

59.—*Chrysobothris nigripennis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 107 (1864).

Sarawak: Kuching and Mt. Saribau (Sar. Mus.).

Previously recorded from Sumatra only.

60.—*Chrysobothris cupriceps*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 100 (1864).

Only recorded from Mt. Kina Balu, North Borneo.

61.—*Chrysobothris superba*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 91 (1864).

Sarawak : Kuching (Sar. Mus.).

Previously recorded from Sumatra only.

62.—*Chrysobothris militaris*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 93 (1864).

Sarawak : Ulu Limbang, Baram and Kuching—captured February, April and October (Sar. Mus.) : Bidí (coll. C. J. Brooks.).

Also recorded from Sumatra and Malacca.

63.—*Chrysobothris confusa*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 105 (1864).

Sarawak : Kuching (Sar. Mus.).

Recorded from Borneo only.

64.—*Chrysobothris Wallacci*, Saunders.

Cat. Bupr. p. 100, n. 159 (1871).

basalis, H. Deyrolle, Ann. Soc. Ent. Belg. Vol. VIII. p. 105 (1864).

Recorded from Borneo and Sumatra.

65.—*Chrysobothris dissimilis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 99 (1864).

descendens, Gemminger and Harold, Cat. Col. Vol. 5. p. 1425 (1869).

Sarawak : Ulu Limbang and Kuching—captured January, March, April and September (Sar. Mus.).

Previously recorded from Java only.

66.—*Chrysobothris elliptica*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 94 (1864).

Sarawak : Kuching—captured April and November (Sar. Mus.).

Confined to Borneo.

67.—*Chrysobothris aneicollis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 101 (1864).

Sarawak : Kuching—captured in March (Sar. Mus.).

Confined to Borneo.

68.—*Chrysobothris circuloimpressa*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 104 (1864).

Sarawak : Buntal—taken in August (Sar. Mus.).

Only recorded from Borneo.

69.—*Chrysobothris cyanipennis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 90 (1864).

Sarawak : Kuching—taken from February to April and in November (Sar. Mus.). Fairly common.

Previously recorded from Amboina only.

70.—*Chrysobothris elongata*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 94 (1864).

Confined to Borneo.

71.—*Chrysobothris latifrons*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 98 (1864).

Sarawak : Kuching—taken in January and June (Sar. Mus.).

Confined to Borneo.

72.—*Chrysobothris collaris*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 98 (1864).

A single specimen in the Sarawak Museum from the neighbourhood of Kuching (July).

Confined to Borneo.

73.—*Chrysobothris occipitalis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 95 (1864).

Sarawak : Banting and Kuching (Sar. Mus.).

Confined to Borneo.

74.—*Chrysobothris perplexa*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 103 (1864).

A single example in the Sarawak Museum from Kuching, taken in September. The species is only recorded from Borneo.

75.—*Chrysobothris Ritsemæ*, Gestro.

Ann. Mus. Stor. Nat. Genova, Vol. IX. p. 652 (1877).

Recorded from Borneo only.

GENUS 19. *Belionota*, Eschscholtz.76.—*Belionota prasina*, Thunberg.

Nov. Spec. Ins. Vol. V. p. 90 (1789).

Kerremans. Ann. Soc. Ent. Belg. Vol. XXXVII. p. 235 (1893).

pyrotis, Illiger, Wiedem. Arch. Naturg. Vol. I. p. 119, pl. 1, fig. 3 (1800.)

scutellaris, Weber, Obs. Ent. p. 72 (1801).

Sarawak: Bintulu and Kuching (Sar. Mus.).

This species has a wide distribution, being recorded from such countries as Senegal, Zanzibar, La Réunion, Bengal, Ceylon, Java and Sumatra.

77.—*Belionota ænea*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 82 (1864).

Sarawak: Baram and Kuching (Sar. Mus.). Common in Sarawak; taken from February to May and in October and November.

Previously unrecorded from Borneo.

General distribution: Ceram, Ternate and New Guinea.

78.—*Belionota fallaciosa*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 84 (1864).

Sarawak: Kuching—taken from June to August (Sar. Mus.); Bidi and Mt. Matang (coll. C. J. Brooks); Pontianak (coll. H. J. Veth).

Common in Sumatra and distributed throughout Malaya.

79.—*Belionota metastictica*, Illiger.

Wiedem. Arch. Naturg. Vol. I. p. 121 (1800).

stigma, Weber, Obs. Ent. p. 73 (1801).

Sarawak: Baram and Kuching (Sar. Mus.). A common species, taken all the year round.

Apparently unrecorded from Borneo before.

General distribution: Malaya—Java, Sumatra and Malacca.

80.—*Belionota Bonneuili*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 83 (1864).

Sarawak: Kuching—taken from February to April and in October and November (Sar. Mus.); Bau (coll. C. J. Brooks).

Also recorded from Sumatra and the Moluccas.

81.—*Belionota Vuillifroyi*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 86 (1864).

nigrocingulata, Kerremans, C. r. Soc. Ent. Belg. Vol. XXXIV p. 135 (1890).

A single example from the upper waters of the Limbang River (Sar. Mus.).

Confined to Borneo.

82.—*Belionota Deyrollei*, Gestro.

Ann. Mus. Stor. Nat. Genova Vol. IX. p. 355 (1877).

Sarawak: Baram and Kuching (Sar. Mus.); fairly common in Sarawak.

The species is confined to Borneo.

83.—*Belionota Lacordairei*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 87 (1864).

Recorded from Borneo only.

Tribe 6. *Agrilini*.

GENUS 20. *Cisseis*, Castelnau and Gory.

84.—*Cisseis pretiosissima*, Kerremans.

Mém. Soc. Ent. Belg. Vol. VII. p. 14 (1900).

Two specimens in the Sarawak Museum from Sibu and Melinau; and a third from Kuching which I refer to this species with hesitation. The markings are similar, but the whole colouring is brilliant copper instead of green.

Previously recorded from Sumatra only.

GENUS 21. *Coræbus*, Castelnau and Gory.

85.—*Coræbus conjunctus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 125 (1864).

Recorded from Borneo only.

86.—*Coræbus piliferus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 126 (1864).

Recorded from Borneo only.

87.—*Coræbus rugosus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 123 (1864).

Recorded from Borneo only.

88.—*Coræbus semiviolaceus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 123 (1864).

Sarawak: Kuching (Sar. Mus.).

Recorded from Borneo only.

89.—*Coræbus retrolatus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 124 (1864).

Sarawak : Kuching and Mt. Matang, 3,200 ft.—taken in July (Sar. Mus.).

GENUS 22. *Melibæus*, H. Deyrolle.

90.—*Melibæus aeneifrons*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 134 (1864).

Borneo and Sumatra.

91.—*Melibæus æneiventris*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 135 (1864).

Recorded from Borneo only.

92.—*Melibæus nigripennis*, H. Deyrolle

Ann. Soc. Ent. Belg. Vol. VIII. p. 134 (1864).

Recorded from Borneo only.

GENUS 23. *Cryptodactylus*, H. Deyrolle.

93.—*Cryptodactylus tristis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 132 (1864).

Borneo and Sumatra.

GENUS 24. *Toxoscelus*, H. Deyrolle.

94.—*Toxoscelus centralis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 129 (1864).

Recorded from Borneo only.

95.—*Toxoscelus funebris*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 130 (1864).

Recorded from Borneo only.

96.—*Toxoscelus undatus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 130 (1864).

Sarawak : Mt. Matang, 3,200 ft.—taken in July (Sar. Mus.).

Recorded from Borneo only.

GENUS 25. *Amorphosoma*, Castelnau.

97.—*Amorphosoma marmoreum*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 127, pl. 4, fig. 14 (1864).

Sarawak : Bau (coll. C. J. Brooks).

General distribution : Malaya.

GENUS 26. *Agrilus*, Stephens.98.—*Agrilus acutus*, Thunberg.

Mus. Acad. Upsal. Vol. 4 p. 52 (1787).

Sarawak : Lawas, Limbang, Sibuan, Bidi, Pangkalan Ampat (Sar. Mus.); Serambu and Santubong (coll. C. J. Brooks).

Previously recorded from Java and Sumatra only.

99.—*Agrilus semicæneus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 157 (1864).

Sarawak : Pangga and Kuching (Sar. Mus.).

Previously recorded from Sumatra only.

100.—*Agrilus Weyersi*, Kerremans.

Mém. Soc. Ent. Belg. Vol. VII. p. 23 (1900).

Sarawak : Kuching (Sar. Mus.).

Previously recorded from Sumatra only.

101.—*Agrilus purpurifrons*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 163 (1864).

Sarawak : Kuching (Sar. Mus.).

Previously recorded from Nias Island only.

102.—*Agrilus quadripunctatus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 165 (1864).

Borneo and Sumatra.

103.—*Agrilus insularis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 173 (1864).

Sarawak : Lundu (Sar. Mus.).

Previously recorded from Java only.

104.—*Agrilus tripartitus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 181 (1864).

Sarawak : Kuching and Mt. Penrissen—taken in May and from October to February (Sar. Mus.).

Common in Sarawak and M. Kerremans remarks it "excessivement commun" in Sumatra.

Apparently confined to these two islands.

105.—*Agrilus famulus*, Kerremans.

Mém. Soc. Ent. Belg. Vol. VII. p. 27 (1900).

Sarawak : Kuching (Sar. Mus.) Common.

Previously recorded from Sumatra only.

106.—*Agrilus gratiosus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 202 (1864).

A single example in the Sarawak Museum from Kuching.

Common in Sumatra.

107.—*Agrilus gentilis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 185 (1864).

Borneo and Sumatra.

108.—*Agrilus discicollis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 189 (1864).

Sarawak: Kuching (Sar. Mus.). Common.
Previously recorded from Sumatra only.109.—*Agrilus subvalidus*, Kerremans,

Mém. Soc. Ent. Belg. Vol. VII. p. 84 (1900).

Recorded from Borneo only.

110.—*Agrilus parvulus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 207 (1864).

Sarawak: Kuching (Sar. Mus.).
Confined to Borneo and Sumatra.111.—*Agrilus convexus*, Kerremans.

Mém. Soc. Ent. Belg. Vol. VII. p. 32 (1900).

Sarawak: Kuching (Sar. Mus.).
Previously recorded from Sumatra only.112.—*Agrilus melanarius*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 207 (1864).

Sarawak: Saribas and Kuching (Sar. Mus.).
Recorded from Borneo and Sumatra.113.—*Agrilus agrestis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 286 (1864.)

Sarawak: Kuching (Sar. Mus.).
Common in Sumatra.114.—*Agrilus placidus*, Kerremans.

Ann. Soc. Ent. Belg. Vol. XXXVIII. p. 473 (1894).

Recorded from Borneo only.

115.—*Agrilus videns*, Kerremans.

Mém Soc. Ent. Belg. Vol. VII. p. 35 (1900).

Sarawak : Kuching (Sar. Mus.).

Previously recorded from Sumatra only, where M. Kerremans notes it is very common.

116.—*Agrilus adonis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 171 (1864).

Sarawak : Kuching (Sar. Mus.). Common.

Previously recorded from Singapore only.

117.—*Agrilus albogaster*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 175 (1864).

Sarawak : Kuching (Sar. Mus.). Common.

Confined to Borneo.

118.—*Agrilus auripilis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 167 (1864).

Confined to Borneo.

119.—*Agrilus bihamatus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 189 (1864).

Sarawak : Kuching (Sar. Mus.). Common.

Confined to Borneo.

120.—*Agrilus diadema*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 163 (1864).

Confined to Borneo.

121.—*Agrilus distinctus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 200 (1864).

Sarawak : Kuching (Sar. Mus.).

Confined to Borneo.

122.—*Agrilus impopularis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 199 (1864).

Sarawak : Kuching (Sar. Mus.).

Confined to Borneo.

123.—*Agrilus incerticolor*,—H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 170 (1864).

Only recorded from Borneo.

124.—*Agrilus lancifer*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 169 (1864).

A single example in the Sarawak Museum from Kuching.

Confined to Borneo.

125.—*Agrilus maculiventris*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 158 (1864).

A single example in the Sarawak Museum from Mt. Penrissen, taken in May, 1899.

Previously recorded from Batchian only.

126.—*Agrilus minor*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 171 (1864).

Recorded from Borneo only.

127.—*Agrilus minos*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 168 (1864).

A single example in the Sarawak Museum from Kuching.

Confined to Borneo.

128.—*Agrilus nigrocyaneus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 172 (1864).

A single example in the Sarawak Museum from Kuching.

Confined to Borneo.

129.—*Agrilus ocularis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 179 (1864).

Confined to Borneo.

130.—*Agrilus Œdipus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 160 (1864).

Confined to Borneo.

131.—*Agrilus paganus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 184 (1864).

Confined to Borneo.

132.—*Agrilus perniciosus* H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 199 (1864).

Sarawak : Kuching (Sar. Mus.).

Confined to Borneo.

133.—*Agrilus piliventris*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 157 (1864).

Confined to Borneo.

134.—*Agrilus puberulus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 209 (1864).

Confined to Borneo.

135.—*Agrilus rubifrons*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 164 (1864).

Sarawak : Kuching (Sar. Mus.). Common.

Confined to Borneo.

136.—*Agrilus scutellaris*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 148 (1864).

Sarawak : Mt. Matang (Sar. Mus.).

Confined to Borneo.

137.—*Agrilus sexpunctatus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 166 (1864).

Confined to Borneo.

138.—*Agrilus sutura alba*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 169 (1864).

Confined to Borneo.

139.—*Agrilus suturalis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 295 (1864).

Confined to Borneo.

140.—*Agrilus thalassinus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 179 (1864).

Confined to Borneo.

141.—*Agrilus ultramarinus*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 208 (1864).

Borneo and Malacca.

GENUS 27. *Aphanisticus*, Latreille.142.—*Aphanisticus bicolor*, Kerremans.

Ann. Mus. Stor. Nat. Genov. p. 363 (1896).

Sarawak : Saribas (Sar. Mus.).

Previously known from Mentawai and Sumatra only.

- 143.—*Aphanisticus Weyersi*, Kerremans.
 Mém. Soc. Ent. Belg. Vol. VII. p. 39 (1900).
 Sarawak : Kuching (Sar. Mus.).
 Previously recorded from Sumatra only.

- 144.—*Aphanisticus confusus*, H. Deyrolle.
 Ann. Soc. Ent. Belg. Vol. VIII. p. 225 (1864).
 Borneo and Malacca.

GENUS 28. *Endelus*, H. Deyrolle.

- 145.—*Endelus cupido*, H. Deyrolle.
 Ann. Soc. Ent. Belg. Vol. VIII. p. 230 (1864).
Snellemanni, Ritsema, Notes Leyd. Mus. Vol. I. p. 155 (1879).

Sarawak : Kuching, Mt. Matang, 2,500 ft., Pangkalan Ampat (Sar. Mus.); Bidi (coll. C. J. Brooks).

I found this bright little Buprestid settled on the upperside of a leaf in the early morning sun on Mt. Matang. Its colouring harmonized well with its surroundings.

Previously recorded from Malacca and Sumatra only.

- 146.—*Endelus Modiglianii*, Kerremans.
 Ann. Mus. Stor. Nat. Genov. p. 366 (1892).

Sarawak : Kuching (Sar. Mus.).

Previously recorded from Mentawai and Sumatra only.

- 147.—*Endelus difformis*, H. Deyrolle.
 Ann. Soc. Ent. Belg. Vol. VIII. 236 (1864).
 Confined to Borneo.

- 148.—*Endelus empyreus*, H. Deyrolle.
 Ann. Soc. Ent. Belg., Vol. VIII. p. 230, pl. III, fig. 7 (1864).
 Sarawak : Kuching (Sar. Mus.).
 Common all the year round.
 Previously recorded from Sumatra only.

- 149.—*Endelus endymio*, H. Deyrolle.
 Ann. Soc. Ent. Belg. Vol. VIII. p. 231 (1864).
 Recorded from Borneo only.

- 150.—*Endelus Marseuili*, H. Deyrolle.
 Ann. Soc. Ent. Belg. Vol. VIII. p. 232 (1864).
 Recorded from Borneo only.

GENUS 29. *Trachys*, Fabricius.151.—*Trachys perplexa*, Kerremans.

Mém. Soc. Ent. Belg. Vol. VII. p. 55 (1900).

A single example in the Sarawak Museum from Kuching.

Previously recorded from Sumatra only.

152.—*Trachys lepidoptera*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 256 (1864).

Sarawak: Kuching (Sar. Mus.).

Also recorded from Sumatra.

153.—*Trachys nobilitata*, Kerremans.

Mém. Soc. Ent. Belg. Vol. VII. p. 54 (1900).

Sarawak: Kuching (Sar. Mus.).

Previously recorded from Sumatra only.

154.—*Trachys æneola*, Kerremans.

Mém. Soc. Ent. Belg. Vol. VII. p. 59 (1900).

Sarawak: Kuching (Sar. Mus.).

Previously recorded from Sumatra only.

155.—*Trachys variegata*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 265 (1864).

Recorded from Borneo and Sumatra.

156.—*Trachys congener*, Kerremans.

Mém. Soc. Ent. Belg. Vol. VII. p. 58 (1900).

The Sarawak Museum contains a single specimen from Kuching.

Previously recorded from Sumatra only.

157.—*Trachys dejecta*, Kerremans.

Mém. Soc. Ent. Belg. Vol. VII. p. 89 (1900).

There is a single specimen in the Sarawak Museum from Kuching.

Previously recorded from Sumatra only.

158.—*Trachys brunneiana*, Kerremans.

Mém. Soc. Ent. Belg. Vol. VII. p. 87 (1900).

This species is only recorded from Brunei, North Borneo.

- 159.—*Trachys borneensis*, Kerremans.

Mém. Soc. Ent. Belg. Vol. VII. p. 88 (1900).

This species is only recorded from Borneo.

- 160.—*Trachys cupripyga*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 247 (1864).

Recorded from Borneo and Sumatra.

- 161.—*Trachys æneopyga*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 257 (1864).

Recorded from Borneo only.

- 162.—*Trachys carbonaria*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 243 (1864).

This species is recorded from Borneo only: the Sarawak Museum contains a single example from Baram.

- 163.—*Trachys chromatica*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 251 (1864).

Recorded from Borneo only.

- 164.—*Trachys cupricauda*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 255 (1864).

Recorded from Borneo only.

- 165.—*Trachys decora*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 258 (1864).

Recorded from Borneo only.

- 166.—*Trachys depressifrons*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 264 (1864).

Recorded from Borneo only.

- 167.—*Trachys laticollis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 248 (1864).

Recorded from Borneo only.

- 168.—*Trachys lubrica*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 266 (1864).

Recorded from Borneo only.

- 169.—*Trachys murina*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 258 (1864).

Recorded from Borneo only.

170.—*Trachys popula*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 257 (1864).

Recorded from Borneo only.

171.—*Trachys resilla*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 250 (1864).

Recorded from Borneo only.

172.—*Trachys varia*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 244 (1864).

Recorded from Borneo only.

173.—*Trachys ventricosa*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 242 (1864).

Recorded from Borneo only.

174.—*Trachys vilis*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 265 (1864).

Recorded from Borneo only.

GENUS 30. *Pachyscelus*, Solier.

175.—*Pachyscelus Migneauxi*, H. Deyrolle.

Ann. Soc. Ent. Belg. Vol. VIII. p. 368, pl. 3, fig. 10 (1864).

Sarawak : Kuching (Sar. Mus.).

Previously recorded from Singapore and Sumatra only.